



SEQUENCE LISTING

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<120> CONJUGATE HEAT SHOCK PROTEIN-BINDING PEPTIDES

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<140> 10/053,498

<141> 2002-01-17

<150> 08/961,707

<151> 1997-10-31

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Gln Lys Arg Ala Ala
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Arg Arg Arg Ala Ala
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Lys Phe Glu Arg Gln
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Asp Arg Thr His Ala Thr Ser
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Met Ser Thr Thr Phe Tyr Ser
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 Met Ala Pro Ser Pro Pro His
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Ser Ala Pro His Met Thr Ser
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Val Thr Pro Lys Thr Gly Ser
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Glu His Pro Met Pro Val Leu
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Val Ser Ser Phe Val Thr Ser
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Gly Gln Trp Trp Ser Pro Asp

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Phe His Trp Trp Trp Gln Pro
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Val Thr Leu Pro Asn Phe His
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Tyr Pro His Pro Ser Arg Ser
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Gly Thr Ala His Phe Met Tyr
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Tyr Ser Leu Leu Pro Thr Arg
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Leu Pro Arg Arg Thr Leu Leu
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 Thr Ser Asp Met Lys Pro His
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Glu Gly Pro Leu Arg Ser Pro
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 Ala Val Thr Ala Ala Ile Val
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 Thr Leu Met His Asp Arg Val
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Thr Pro Leu Lys Val Pro Tyr
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Phe Thr Asn Gln Gln Tyr His
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<400> 241

Ser His Val Pro Ser Met Ala
1 5

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<400> 242

His Thr Thr Val Tyr Gly Ala
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Thr Glu Thr Pro Tyr Pro Thr
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<220>

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Leu Thr Thr Pro Phe Ser Ser
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<220>

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<400> 245

Gly Val Pro Leu Thr Met Asp
1 5

<210> 246

<211> 7

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Lys Leu Pro Thr Val Leu Arg
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Cys Arg Phe His Gly Asn Arg
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<210> 248

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<400> 248

Tyr Thr Arg Asp Phe Glu Ala
1 5

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<400> 249

Ser Ser Ala Ala Gly Pro Arg
1 5

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Ser Leu Ile Gln Tyr Ser Arg
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Ser Ser Xaa Ser Leu Tyr Ile

1 5
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 Phe Asn Thr Ser Thr Arg Thr
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 Thr Val Gln His Val Ala Phe
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 Asp Tyr Ser Phe Pro Pro Leu
 1 5

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 Val Gly Ser Met Glu Ser Leu
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Ala Pro Pro Arg Val Thr Met
1 5

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Ile Ala Thr Lys Thr Pro Lys
1 5

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Lys Pro Pro Leu Phe Gln Ile
1 5

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Tyr His Thr Ala His Asn Met
1 5

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Ser Tyr Ile Gln Ala Thr His
1 5

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Ser Ser Phe Ala Thr Phe Leu
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Thr Thr Pro Pro Asn Phe Ala
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Ile Ser Leu Asp Pro Arg Met
1 5

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Ser Leu Pro Leu Phe Gly Ala
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Asn Leu Leu Lys Thr Thr Leu
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Asp Gln Asn Leu Pro Arg Arg
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Ser His Phe Glu Gln Leu Leu
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Thr Pro Gln Leu His His Gly

1 5

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Ala Pro Leu Asp Arg Ile Thr
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Phe Ala Pro Leu Ile Ala His
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Ser Trp Ile Gln Thr Phe Met
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Asn Thr Trp Pro His Met Tyr
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Glu Pro Leu Pro Thr Thr Leu
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His Gly Pro His Leu Phe Asn
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Tyr Leu Asn Ser Thr Leu Ala
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His Leu His Ser Pro Ser Gly
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Thr Leu Pro His Arg Leu Asn
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Ser Ser Pro Arg Glu Val His
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Asn Gln Val Asp Thr Ala Arg
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Tyr Pro Thr Pro Leu Leu Thr
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His Pro Ala Ala Phe Pro Trp
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Leu Glu Thr Tyr Thr Ala Ser
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Lys Tyr Val Pro Leu Pro Pro
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Ala Pro Leu Ala Leu His Ala
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Tyr Glu Ser Leu Leu Thr Lys
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Gly Leu Ala Thr Val Lys Ser
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Gly Ala Thr Ser Phe Gly Leu
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Lys Pro Pro Gly Pro Val Ser
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Thr Leu Tyr Val Ser Gly Asn
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Val Ala Phe Thr Arg Leu Pro
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Leu Pro Thr Arg Thr Pro Ala
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Ala Ser Phe Asp Leu Leu Ile
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Arg Met Asn Thr Glu Pro Pro
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 Lys Met Thr Pro Leu Thr Thr
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Asn His Ala Val Phe Ala Ser
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Thr Trp Gln Pro Tyr Phe His
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Ala Pro Leu Ala Leu His Ala
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Thr Ala His Asp Leu Thr Val
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Asn Met Thr Asn Met Leu Thr
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Gly Ser Gly Leu Ser Gln Asp
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Thr Pro Ile Lys Thr Ile Tyr
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Ser His Leu Tyr Arg Ser Ser
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Leu Leu Leu Gly Thr Leu Asn Ile Val
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Leu Leu Met Gly Thr Leu Gly Ile Val
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<210> 315

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Thr Leu Gln Asp Ile Val Leu His Leu
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<210> 316

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Gly Leu His Cys Tyr Glu Gln Leu Val
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<210> 317

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Pro Leu Lys Gln His Phe Gln Ile Val
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tcggatcctt acaattcatc cttctctgta gattc 35

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<400> 320

Phe His Trp Trp Trp
1 5

<210> 321
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Ser Ile Ile Asn Phe Glu Lys Leu Gly Ser Gly His Trp Asp Phe Ala
1 5 10 15

Trp Pro Trp
19

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protein

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Xaa Xaa Xaa Xaa Xaa
1 5

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protein

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Xaa Xaa Xaa Xaa
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protein

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<223> Xaa = Ser or Thr

<220>

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<222> 3,4

<223> Xaa = hydrophobic amino acid residues

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Xaa Xaa Xaa Xaa Xaa Xaa

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5

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protein

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<223> Xaa = Ser or Thr

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<222> 2, 3, 4

<223> Xaa = hydrophobic amino acid residues

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Xaa Xaa Xaa Xaa

1

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protein

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<223> Xaa = Trp or any amino acid

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<222> 1,3,5,7

<223> Xaa = hydrophobic amino acid residues

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<222> 4, 6

<223> Xaa = any amino acid

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Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5